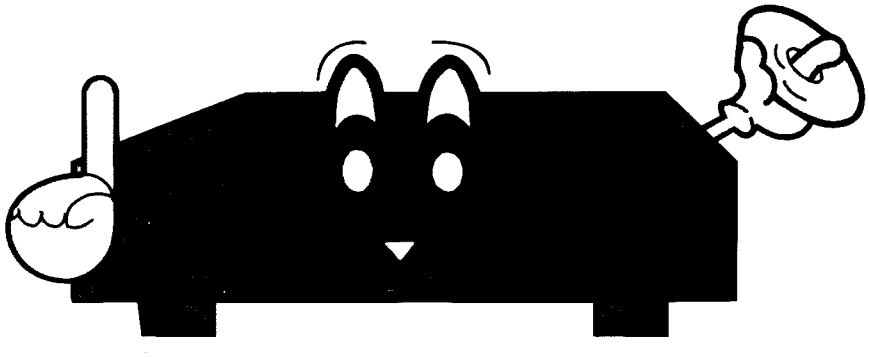
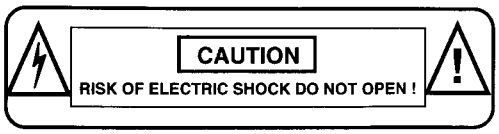
USER'S MANUAL

DSX-8500



SAFETY INSTRUCTIONS



This symbol indicates that dangerous voltage instituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operation and maintenance instructions in the literature accompanying the appliance.

CLASS 1 LASER PRODUCT

This product has been listed as class 1 laser product. The mark is on the rear panel.

CAUTION

1. The product contains a low-power laser device. In order to ensure the safety of the laser device, do not remove any cover and attempt to repair the unit. If any service is needed, please contact the distributor or its authorized service center.
2. To reduce the risk of electric shock do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel. Unplug the product from the wall outlet before servicing or when it is unused for a long period of time.
3. The manufacturer should not hold responsibility for the damage caused by any substitutions and modifications of the product without authorization from the manufacturer or authorized unit.

WARNING

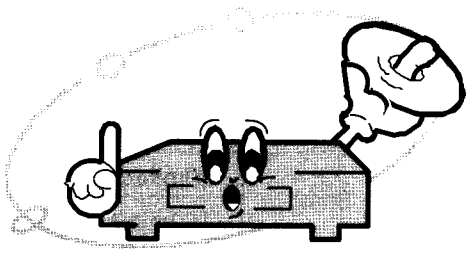
To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

NOTES

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments or accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

FEATURES



DIGITAL HOME THEATER SYSTEM

1. **Digital Audio/Video All-in-one**
   Process information of pure digital media Audio/Video and reproduce Hi-Res and Hi-Fi Audio/Video. It includes DVD player, digital six-channel hi-fi amplifier and digital AM/FM radio.
2. **Compatibility**
   DVD, SVCD, VCD, CD, CD-R, CD-RW and MP3 discs compatible.

DVD FUNCTIONS

1. **High Resolution**
   Progressive scanning function doubles the vertical resolution than normal DVD player.
2. **Excellent Decoding**
   Built-in Dolby AC3 and DTS decoders to output digital audio signal and realize high quality sound effects.
3. **Complete Output Jacks**
   SCART, VIDEO, Y/Pb(Cb)/Pr(Cr), RGB and 2ch AUDIO OUT jacks.
4. **Special Functions**
   Support multi-angle and multi-language playback to enjoy unique video features.
5. **Video Out**
   Real digital progressive scanning Y/Pb/Pr and RGB output to support SCART jack.
6. **Parental Control**
   You can control the playback of disc contents by children by using this function.
7. **Screen Functions**
   You can activate the operation of zoom, pan, color and X-Y scaling for picture.
8. **Search By Time**
   You can search for the desired contents fast by time, especially for enjoying stories.
9. **Built-in DVD Disc Test Function**

HI-FI PURE DIGITAL AMPLIFIER

1. Full digital amplifier with built-in six separate amplifying units, output power: 5 x 50 W+ 1 x 100 W.
2. With two front speakers, one center speaker, two rear (surround) speakers and one subwoofer.
3. Two external analog audio inputs (Audio 1 and Audio 2).
4. Can shift between 2CH and 3CH (In stereo modus, Radio, CD, Audio 1 & 2).
5. Volume of front, rear (surround), center and subwoofer can be controled separately or wholly and will be memorized.
6. Subwoofer amplifier with large power to produce deep and clear bass response.

RADIO FUNCTIONS

1. Can receive AM/FM signal clearly.
2. Can search radio signal automatically.
3. Can store radio easily.
4. Can search for the signal in high or low frequency range.

ABOUT DISCS

DISCS THAT CAN BE PLAYED

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD	DVD VIDEO	Audio+Video (active picture)	12cm	120min(one side)
				240min(two sides)
			8cm	80min(one side)
				160min(two sides)
SVCD	SVCD	Audio+Video (active picture)	12cm	45min
VCD	COMPACT disc DIGITAL VIDEO	Audio+Video (active picture)	12cm	74min
			8cm	20min
CD	COMPACT disc DIGITAL AUDIO	Audio	12cm	74min
			8cm	20min
MP3		Audio	12cm	600min

◆ Software maker specifies the operation method of some DVD, SVCD, and VCD discs. Please refer to the instruction manual of disc.

NOTES

1. Using of Discs

Do not touch the playing surface of the compact disc.

Do not stick paper and label on the disc.

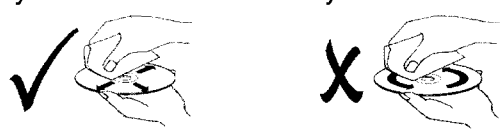
Do not expose discs to direct sunlight.

Do not place discs near water or in dusty place.

2. Cleaning of Discs

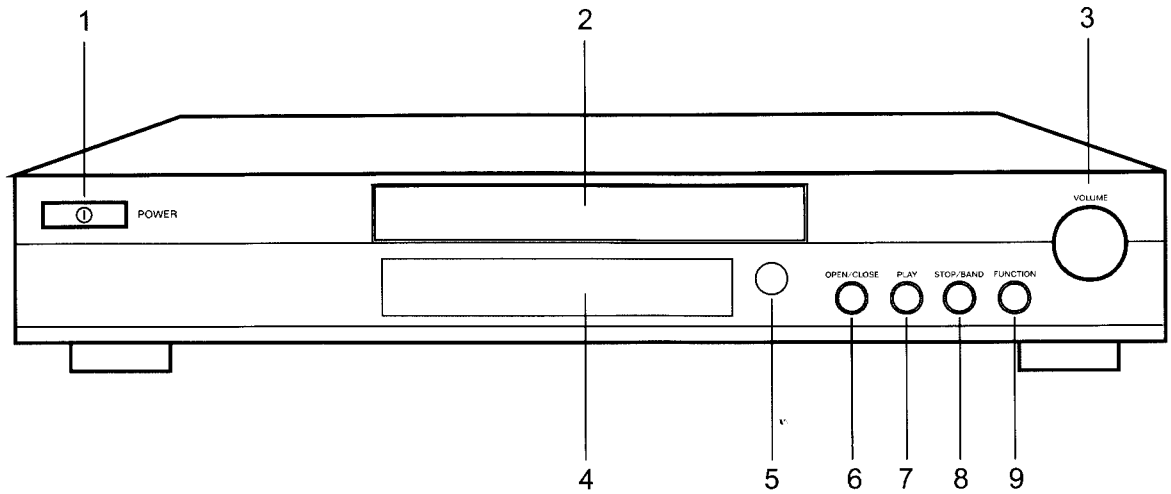
If a disc has fingerprints or dust on it, lightly wipe the disc with soft cloth (or similar) from the center of the disc outward in a radial manner.

Never use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvents to clean your discs.



PARTS INTRODUCTION

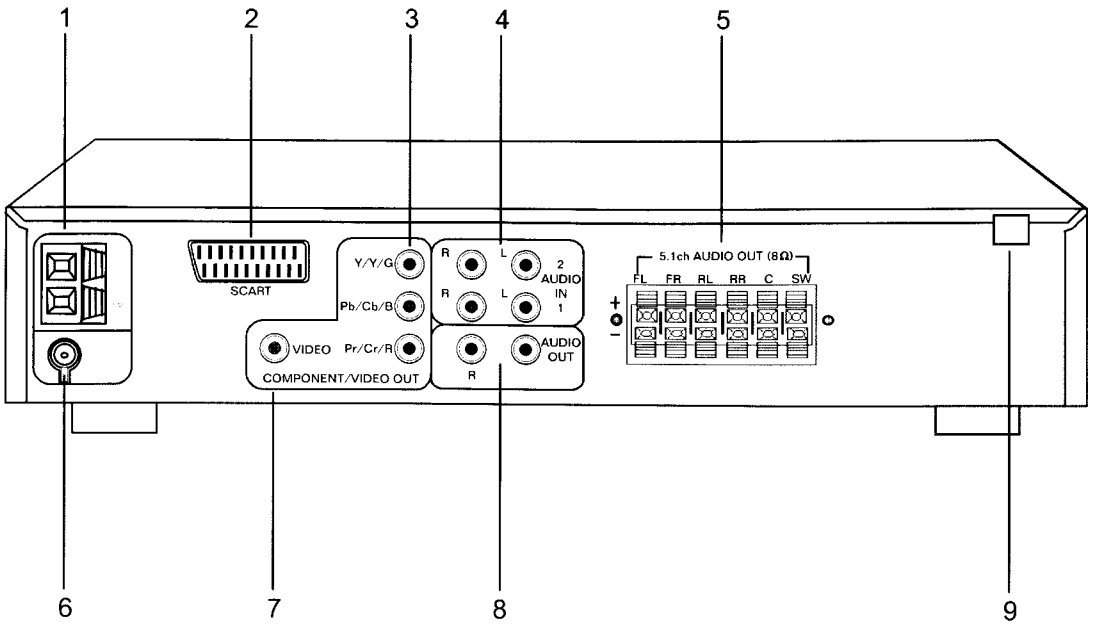
FRONT PANEL



1. **POWER button**
   -Press to turn on or off the power.
2. **Disc tray**
3. **VOLUME adjusting knob**
   -Turn it clockwise to increase the master volume of amplifier.
   -Turn it anti-clockwise to reduce the master volume of amplifier.
4. **Display panel**
5. **Remote sensor**
   -Point remote control at it for operation.
6. **OPEN/CLOSE button**
   -Press to open or close the disc tray.
7. **PLAY button**
   -Press to begin the playback of the inserted disc.
8. **STOP button**
   -Press to stop the playback.
9. **FUNCTION button**
   -Press to shift between DVD, radio and external audio input 1 and 2.

PARTS INTRODUCTION

REAR PANEL

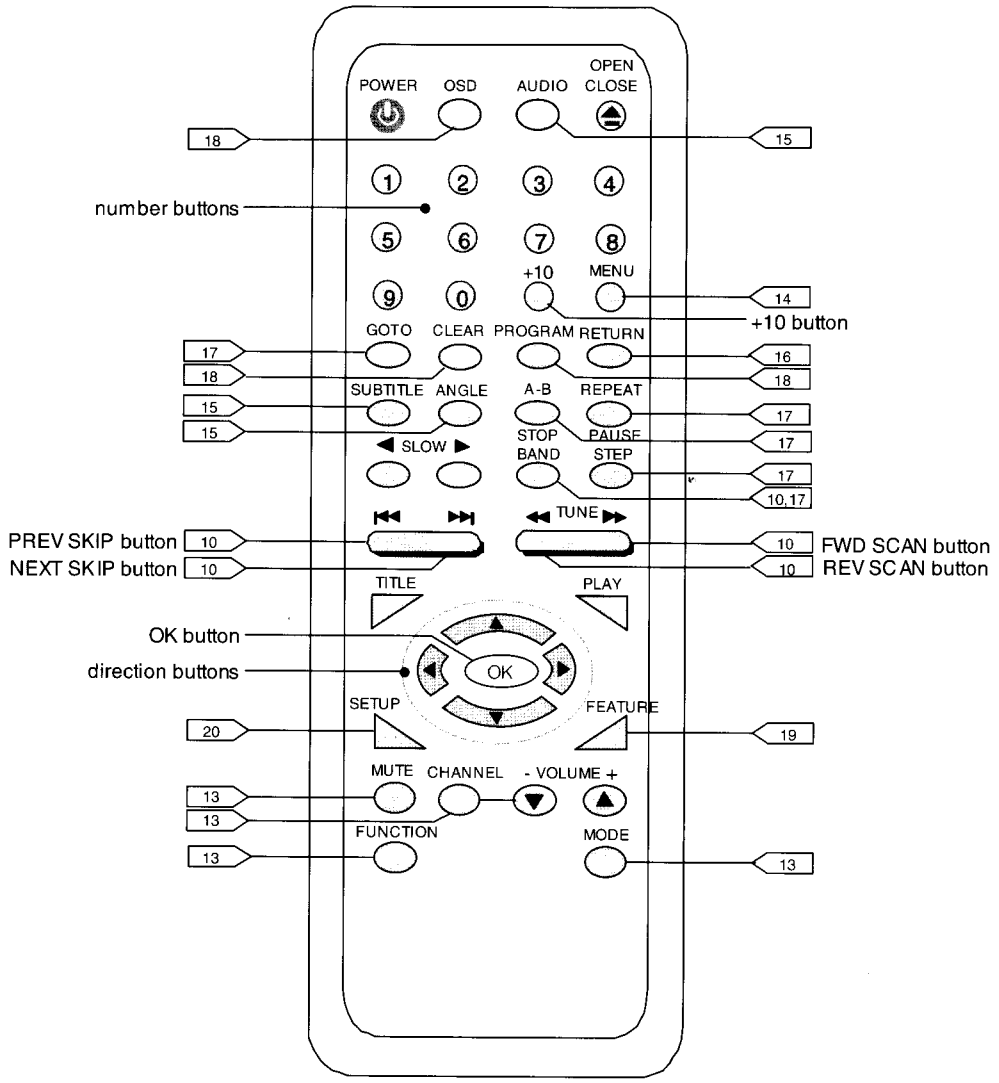


1. AM antenna jack
2. Scart jack
3. Component out jacks
4. Audio 1 and 2 audio in jacks
5. 5.1ch audio out speaker jacks
6. Coaxial FM 75 Ω antenna jack
7. Video out jack (FBAS
8. L & R audio line out jacks
9. Power cord

PARTS INTRODUCTION

REMOTE CONTROL

The number in XX shows that the detail introduction on the button is on that page.



USAGE OF REMOTE CONTROL

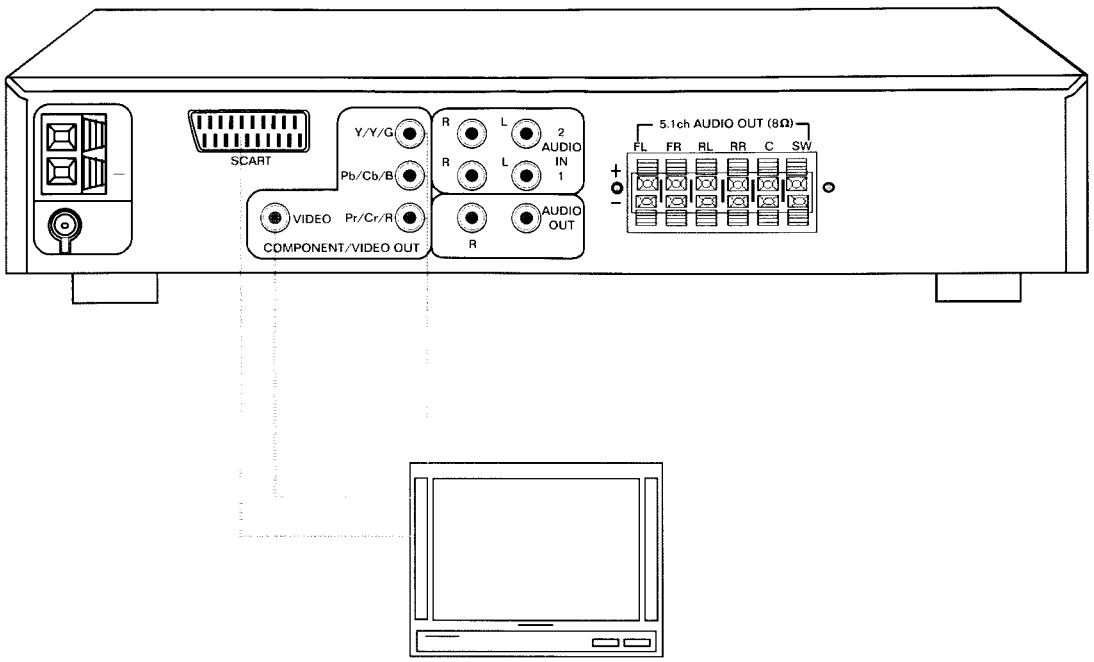
Open the battery case cover, and insert two batteries (Type AAA only) into it in accordance with the indications (+, -) inside the compartment. Point the remote control at the remote sensor for operation within an angle of 60° and a distance up to 7m.

- Normally batteries can last for around six months. If the remote control does not work, replace the batteries.
- If the player is not used for a long time, take out the batteries to prevent leakage and possible damage to the remote control.

SYSTEM CONNECTION

Please turn off the power of player and TV before connection for the sake of safety.

PLAYER + TV



The connection between DVD player and TV is shown as above. In this figure, there are three input modes: VIDEO, YCbCr and SCART. You can select anyone according to your desire. The performance of YCbCr input is the best.

How to use Y, Pb, Pr jacks:

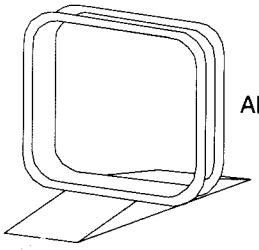
1. Connect common video output jack of DVD to video input jack of TV.
2. Enter video output item in setup menu to select one item with Y, Pb, Pr.
3. Enter scan type item in setup menu to set it to be progressive.
4. Turn off the DVD power, unplug common video cables, and then connect three Y, Pb, Pr cables.
5. Turn on the DVD power to select relevant input jacks of TV.

- **If you select scan type by error, which results in no picture or appearing left and right compressed pictures, please don't be worried. As long as you press SUBTITLE button for over 5 seconds, it can be resumed. Press it continuously to shift scan type.**
- **Y, Cb, Cr jacks correspond to Y, Pb, Pr and G, B, R jacks.**

SYSTEM CONNECTION

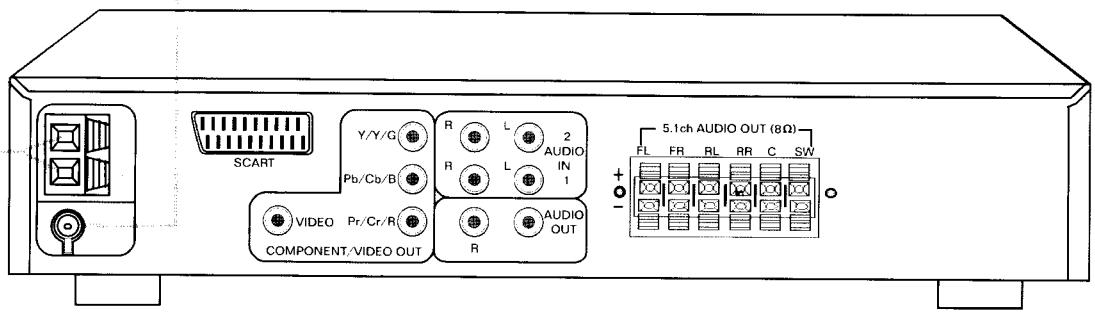
PLAYER+ANTENNA

Connect supplied AM/FM antennas to listen in radio.

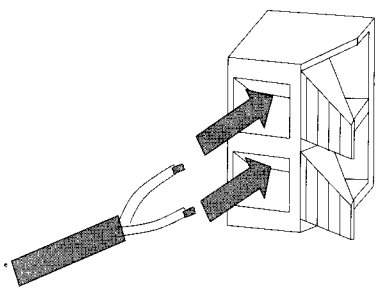


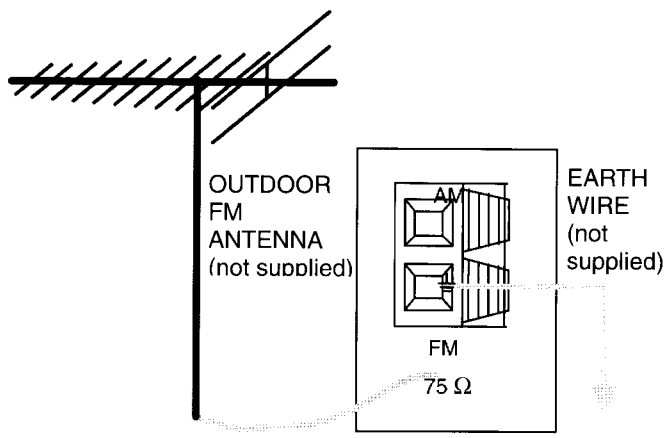
AM LOOP ANTENNA

FM ANTENNA



- In order to avoid producing of noise, move AM loop antenna away from the system and other subassemblies.
- Extend FM antenna fully.
- Keep FM antenna as horizontal as possible after connection.
- When connecting supplied AM loop antenna, connect two black cords to AM and ground jack respectively as following.





- If the receiving effect of FM wave band is not so good, please use a 75 Ω coaxial cable (not supplied) to connect system with outdoor FM antenna.
- **Attention:** If you connect system with outdoor FM antenna, you should earth the system (using the lower AM antenna jack) in order to avoid lightning strike. Do not connect the earth wire to gas pipe or similar to prevent gas explosion.

SYSTEM CONNECTION

RADIO FUNCTIONS

The player has AM and FM radio functions to receive the two signals clearly.

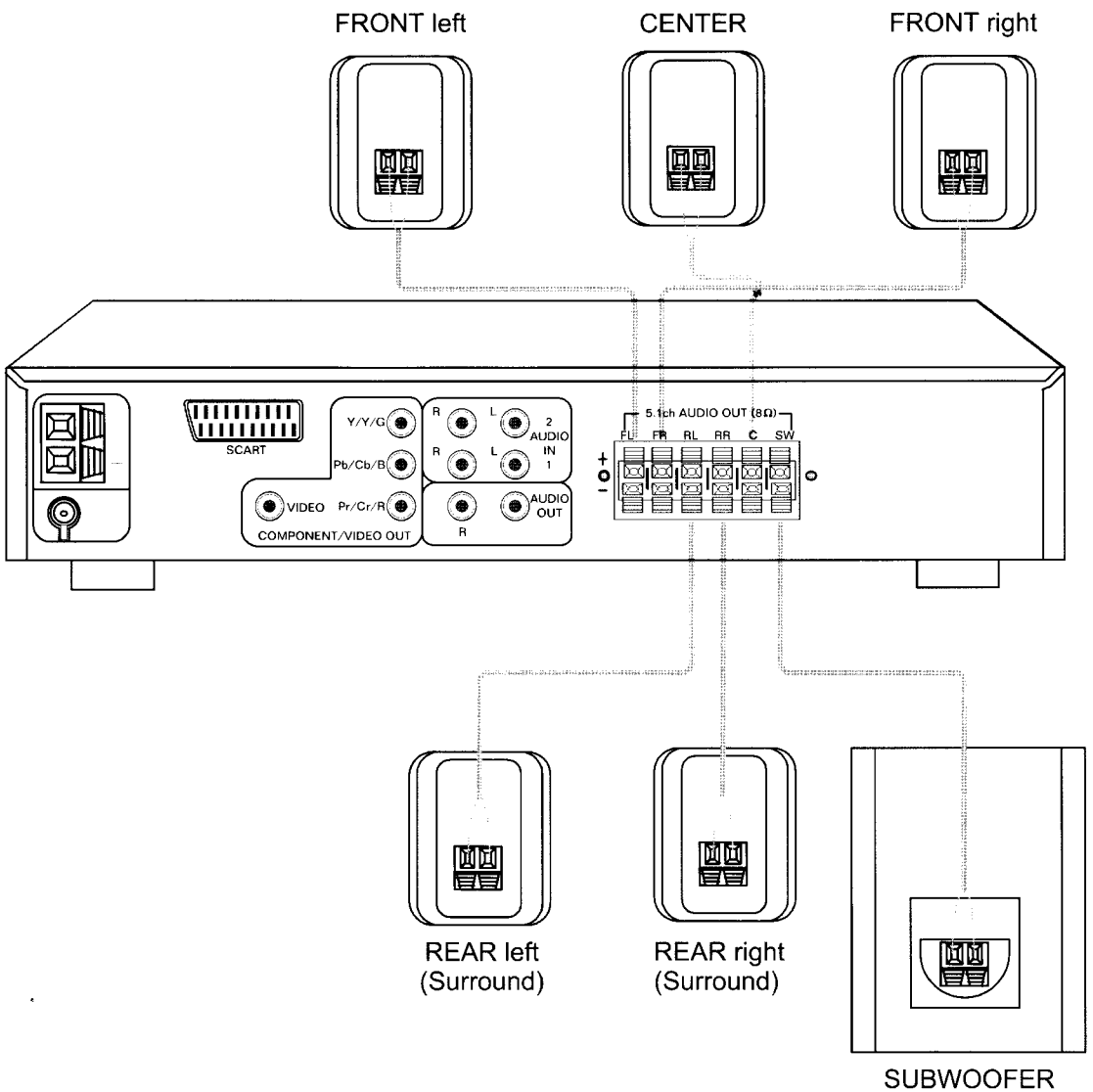
Operation steps:

1. Press FUNCTION button to shift to radio status.
2. Then press STOP/BAND button on remote control to select AM or FM signal.
3. Press TUNE button to select the channel.
   1) Frequency tuning: Press UP/DOWN direction button to change AM/FM frequency step by step. The Display will show the new frequency.
   2) Select channel automatically: Press FWD/REV SCAN button. The auto search will stop at any channel with receivable signal. Press repeatedly until there is a desired Radio station found. If you like the program, press OK button to store this channel. If you want to stop searching, press STOP/BAND button.
4. Storage of channels
   If you like the programs of a radio and want to listen to them conveniently later, you can press OK button to store it (The radio number on display panel flashes twice shows that the storage has been done). The first one stored will be put in the first place automatically. If you still want to store other radios, then they will be put in the second place, third place, and so on. This player can respectively store 16 AM and FM channels. When you store the seventeenth channel, it will overlay the first one and the rest may be deduced by analogy.
5. Shortcut listening in programs
   If you have stored the radio stations, you can press number buttons directly on remote control to select the stored program. Press +10 button to select channels above 9. Pressing the ▶▶| button selects stored radio stations step by step. Pressing the |◀◀ button selects radoio stations step by step backwards.
6. In radio status, press AUDIO button to change the radio signal into MONO for reducing inconvinient noise, if the signal is too weak to give a clear sound without rustling. On display panel MONO will be lighted. Press it again to resume the original signal. MONO displaying will be turned off.

PLAYER+SPEAKERS

Use supplied cords to connect the player with speaker system. Note that the polarity should be correct (marked wire should be used as PLUS wire). Please place all wires in a way, that noone could stumble over it. Please place all wires away from heating sources or electrical cables.

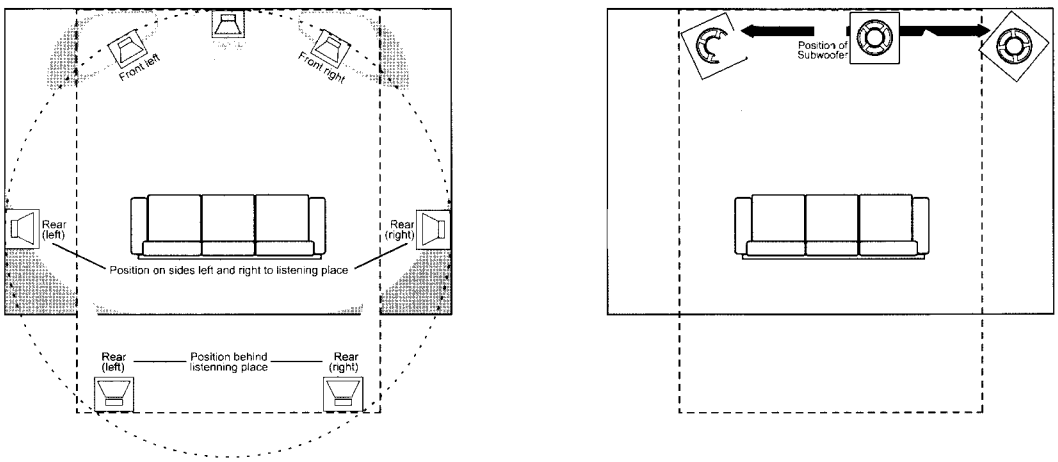
In order to get perfect listening effects, please refer to speaker placement on next page.



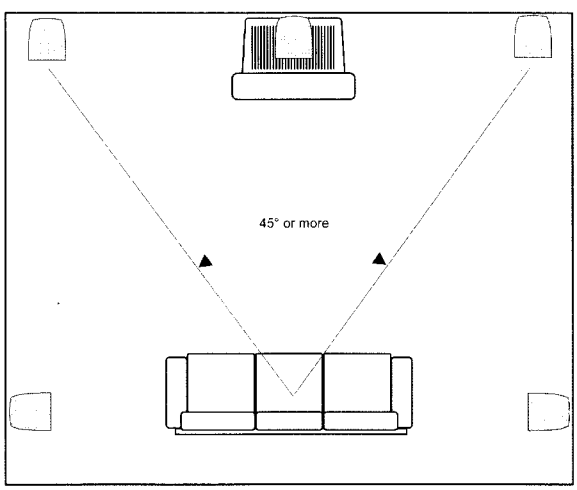
SPEAKER PLACEMENT

SPEAKER PLACEMENT

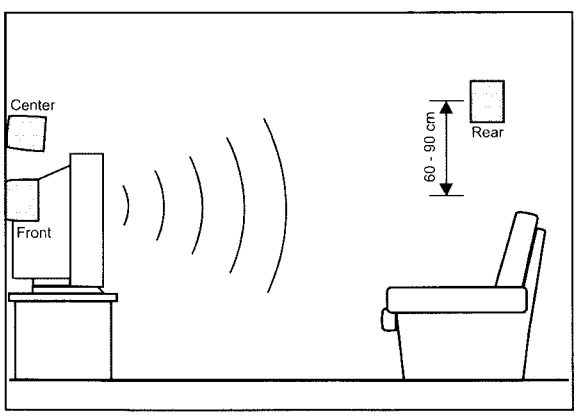
The ideal position for all speakers except the subwoofer, should be at the same distance to listening position, like a circle. The speaker should be placed in a way, which is as similar as possible to this arrangement. The available stands for the speaker system (accessories) are very supportive to place the speakers in the best way. According to the shape of the room it can be better to place the Rear (Surround) speaker on both sides of the listener or behind the listener. The area of best placemant for the speakers is shown in the left diagram (dark grey – wide arrangement, light grey – small arrangement).
The center should be placed near to the TV, below or above it or beside it.
The subwoofer should be best placed at the headside. A place in the room corner increases the bass response.
If the distance between listener and the single speakers are different, the SPL of the front speakers, the center, the rear speakers and the subwoofer can be adjusted (see next page).



Positioning of frontspeakers, center, rearspeakers and subwoofer in different rooms. Best places are marked in dark- and light grey, according to the shape of the room.



Ideal is an angle of > 45° between left Front speaker and right Front speaker to the listener. The center should be placed in the middle near the TV.



If possible, place surround speakers on two sides of the wall, which are opposite to each other, 60 - 90 cm higher than the listener.

DIGITAL AMPLIFIER

The digital amplifier of digital home theatre system has the following outstanding functions:

1. Full digital audio amplifying
2. Reach more than 80% efficiency
3. With double-channel (audio 1 and 2) analog stereo input jacks

Operation of digital amplifier:

1. Selection of input source:
   Press FUNCTION button to select DVD, radio,audio 1 and audio 2 input.
2. Mute function:
   Press MUTE button to turn off amplifying signal output. Press again to resume.
3. Volume control and channel volume control:
   Pressing VOLUME+ or Volume - adjust the whole signal.
   If you want to adjust the single channel signal of front left / right, rear (surround) left / right, center or subwoofer, press CHANNEL button to select channel (shown in display: FL = front left, FR = front right, RL = rear left, RR, = rear right, CE = center, SUB = subwoofer), and then press VOLUME + or VOLUME - to adjust the channel.
4. speaker setup functions:
   1) To match the channels front, center, rear, subwoofer of the amplifier with the used speakers, set in the SETUP SPEAKER SETUP menu values to:

	Main	Centre	Surround	LFE
Small speakers	Small	Small	Small	On
Large speakers	Large	Large	Large	ON / OFF

   (see page 21 for details)

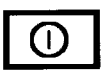
   2) Press MODE button on remote control to switch between stereo and prologic modus when playing SVCD, VCD, CD discs. In prologic modus there are six-channel outputs of front left/right, rear left/right, centre and subwoofer. Press MODE button again to turn prologic off and resume to two-channel stereo output.
5. Input sensivity of audio inputs:
   The input signal sensitivity of external audio input 1 is 200 mV; and that of external audio input 2 is 800 mV. It is suggested to select external audio input 1 for weak audio source.

NORMAL OPERATION

Preparation: After connection, you should do the following steps before playback.

1. Turn on TV and select relevant video input.
2. Turn on amplifier if connected and select "VCD" or "DVD".

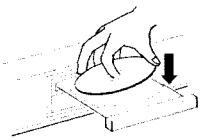
1. Turn on power



When the power is on, the player will search for the disc and play it automatically.

2. Press **OPEN/CLOSE** button to open the disc tray.

3. Load the disc in



Load the disc in according to the left figure in order not to damage the disc or the player.

4. Press **OPEN/CLOSE** or **PLAY** button to close the disc tray and begin to play the disc.

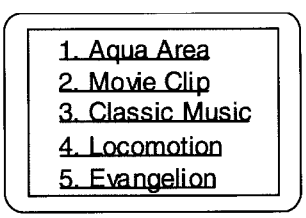
Warning: 1. Do not play bad quality discs to avoid damages of the lens inside the player.

2. To prevent the damage of speaker system, before turning off the player please first press POWER button on remote control to switch the system to STANDBY or turn the VOL adjusting knob on front panel anti-clockwise to decrease the volume, and then press POWER button on front panel to turn off the player.

DVD DISC PLAYBACK

MENU

Normally there is a selecting menu in DVD discs, you can press MENU button to enter the menu directly, and use direction buttons to choose the item you like and press OK button for confirmation.



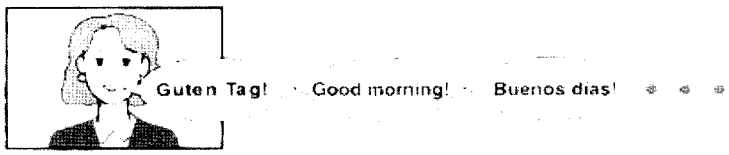
TITLE & CHAPTER

Normally there are several titles in a DVD disc, and also there are several chapters in a title. Chapters or any title can be selected by pressing ⏮ or ⏭.

NORMAL OPERATION

LANGUAGE

There are up to 8 kinds of languages in a DVD disc. When you play a multi-language DVD disc, you can use AUDIO button to select different language.

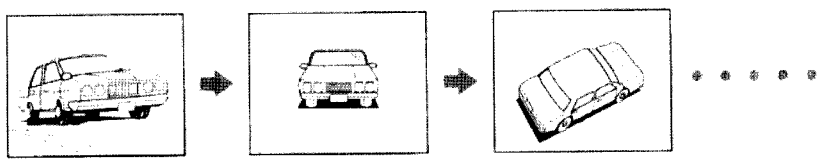


SUBTITLE

The DVD player can support up to 32 kinds of subtitles. When a multi-subtitle disc is played, the SUBTITLE button can be used to select different subtitle.

ANGLE

Multi-angle means that a scene is shot from different angles so that audience can watch it from different point of views. If there are multiple angles in a scene, ANGLE button can be used to select the angle you like to enjoy. Press ANGLE button continuously to view different angles



ZONE CODE

DVD´s available are prepared to be played only in one of six zones of the world. The DVD player can only play DVD´s of one zone. Europe is in zone **2** and this player is prepared only for zone **2**. Please ensure that the code of the disc complies with that of the player.

NORMAL OPERATION

SVCD & VCD DISCS PLAYBACK

PBC FUNCTION

VCD 2.0 and SVCD discs are both with PBC (Play Back Control) function. In default status, PBC function is on and you can use MENU button to turn off PBC.

PBC ON: The menu will be displayed on the screen at the beginning, and you can select the track you like. When the track is finished, it will return to the menu to wait for another selection. You can also press RETURN button return to the menu during playback. And press SKIP button to turn the page if there are many pages.

PBC OFF: The menu will not be displayed at the beginning. After pressing PLAY button, the player will play the disc continuously. You can use SKIP button to select the track or use number buttons to select the track directly.

CD DISC PLAYBACK

The player will play all the tracks continuously in default status. You can use SKIP button or number buttons to select the track.

MP3 DISC PLAYBACK

MP3 is a new music format which can store a large amount of music in one disc. One MP3 disc normally contains several directories which contains several tracks. You can select the directory first and then select the track in it.

Operation steps:

1. Select directory: Use UP/DOWN direction button to highlight the directory you like and press PLAY button for confirmation.
2. Select track: In stop status, use UP/DOWN direction button to highlight the directory you like and press OK button for confirmation. Then use UP/DOWN direction button to select the track and press PLAY button to begin to play it.

◆ Press RETURN button to display disc information again. MP3 has no repeat function.

PLAYBACK FUNCTIONS

STOP

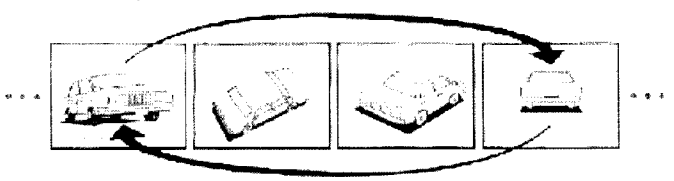
First when you press STOP button, the player will enter resumable status, and then press PLAY button. The player will play from where it stopped the last time. Press STOP button twice, the player will stop completely, and then press PLAY button again to start from the beginning.

PAUSE

Press PAUSE/STEP button to pause, and press it continuously to play step by step.

REPEAT

1. Use REPEAT button to repeat a chapter, a title, a track or all tracks according to different discs, and also to cancel repeat.
2. Use A-B button to repeat section A to B. Press it for the first time to set the starting point A, the second time to set the ending point B, and the third time to cancel repeat.



- ◆ Some discs do not support this function.
- ◆ For SVCD or VCD2.0 discs, repeat function will not be effective when PBC is on.

SEARCH BY TIME

You can use GOTO button to search by time, namely to play from a specific time.

Operation steps:

1. Press GOTO button.
2. Use number buttons to input the time (hour, minute, and second).
3. Press OK or PLAY button to play from the selected time.
   - ◆ Use CLEAR button to cancel incorrect input.
   - ◆ Some DVD discs do not support search function, and the search function will not be effective when PBC is on.

FAST PLAYBACK

Press ▶▶ or ◀◀ button to activate fast forwardness or backwardness. Press PLAY to resume to normal playback mode.

SLOW PLAYBACK

Press SLOW button to activate slow forwardness or backwardness (not for VCD discs). Press PLAY button to resume to normal playback mode.

PLAYBACK FUNCTIONS

ON SCREEN DISPLAY

Press OSD button on remote control to display relevant information and press CLEAR button to cancel it.

PROGRAM PLAYBACK

Use PROGRAM button to activate program playback of DVD, VCD and CD discs.

Operation steps:

1. In stop status, press PROGRAM button to enter program options.
2. Use number buttons to input the contents according to prompts.
3. Press OK button for confirmation.
4. Repeat step 2 and 3 to program more contents.
5. Press PLAY button to start playback.

◆ Use CLEAR button to cancel incorrect input.

Program Mode (DVD)

#	Title	Chapter	Entry time
	– – –	– – –	
	– – –	– – –	
	– – –	– – –	
	– – –	– – –	

Program Mode (CD)

#	Track	Track time
	– – –	
	– – –	
	– – –	
	– – –	

PLAYBACK FUNCTIONS

VIDEO FEATURES

Use FEATURE button to achieve multiple special video features.
Press FEATURE button to select the following functions:

→ ZOOM → PAN → COLOR → X－Y SCALING → VIDEO FEATURE OFF

ZOOM

The player can achieve zoom operation of picture.
Operation methods:
1. Press FEATURE button to enter the ZOOM status.
2. Use UP/DOWN direction button to adjust zoom in/out. Press OK button to reset.

PAN

The player can move the picture in horizontal or vertical direction.
Operation methods:
1. Press FEATURE button to enter the PAN status.
2. Use direction buttons to move the picture. Press OK button to reset.

COLOR

You can adjust the brightness, gamma, saturation, hue, and contrast of DVD video signal.
Operation methods:
1. Press FEATURE button to enter the COLOR status.
2. Use UP/DOWN direction button to select the item you like to adjust:

→ BRIGHTNESS → GAMMA → SATURATION → HUE → CONTRAST

3. Use LEFT/RIGHT direction button to change parameters. Press OK button to reset.

X-Y SCALING

You can adjust the X-Y scaling of output picture of DVD.
Operation methods:
1. Press FEATURE button to enter the X-Y SCALING status.
2. Press direction buttons to adjust the X-Y scaling of DVD video picture. Press OK button to reset.

SYSTEM SETUP

SETUP MENU

Operation methods:

1. In STOP status, press SETUP button on remote control to enter the setup menu.
2. Use UP/DOWN direction button to select the item you want to set.
3. Press OK button to enter the setup contents, and press RETURN button to return to the menu.

TV Signal System

You can select relevant signal system according to your TV. Normally it is set to be in AUTO status.

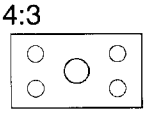
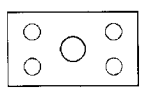
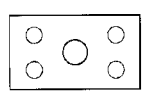
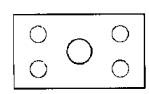
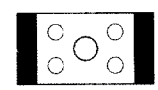
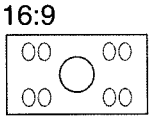
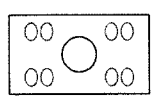
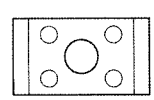
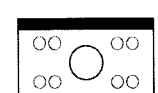
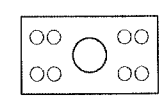
1) AUTO
2) NTSC
3) PAL
4) M-PAL

TV Type

You can choose relevant TV type according to your TV to achieve better picture. The setup effects are shown as following:

1) 4 : 3 Letter Box
2) 4 : 3 Pan Scan
3) 16 : 9

SETUP EFFECTS OF TV TYPE

PICTURE	TV SCREEN			
	4:3			16:9
	Normal	Pan Scan	Letter Box	
4:3					
16:9					

SYSTEM SETUP

Speaker Setup

You can setup the size (fullrange speaker = large or satellites = small) of front speaker, center speaker, rear (surround) speaker. You can also turn on or off center, rear (surround) and LFE (Subwoofer). The settings in this menu belongs to the used speakers.

Reference setup		FRONT (MAIN)	CENTER	REAR (SURROUND)	LFE SUBWOOFER
a)	Satellites with subwoofer *	SMALL	SMALL	SMALL	ON
b)	Fullrange with / without subwoofer	LARGE	LARGE	LARGE	ON / OFF
c)	Fullrange, small center / rear, with / without subwoofer	LARGE	SMALL	SMALL	ON / OFF
d)	Stereo fullrange speaker	LARGE	NONE	NONE	OFF
c)	Stereo satellites with Subwoofer	LARGE	NONE	NONE	ON

* required for the included speaker set

Audio Dynamic Range

Set audio dynamic range to be three different modes: Full, Medium & Minimum.

Audio Test Signal

Six-channel test tone (to check SPL of each channel):
Press AUDIO button to produce six-channel test tone and press it again to turn it off (If the power is cut off during test, then some channels will output nothing after you turn on the player renewedly. In this case press STOP button to stop playing and press AUDIO button to display the six channel names in turn. Then press AUDIO button again to display "TEST TONE OFF" and press PLAY button to resume normal output).
Use this function to check the Sound pressure level of the single channels.

Video Output

There are three interlaced video outputs for you to choose.
1) Two mixed Video signals (CVBS) and one S-Video (Y C) signal output.
2) One mixed Video signal (CVBS) and one YCbCr output (= Y Pb Pr)
3) One mixed Video signal (CVBS) and one RGB output.

1) CVBS Y C CVBS
2) CVBS Y Cb Cr/Y Y Pb Pr
3) CVBS G B R

SYSTEM SETUP

Video Mode

There are multi-group digital video filters inside the player. According to different signal source, you can make different setup to produce different visual effects.

1) Movie — Normally it is set to be in this mode.
2) Still — Select this mode to enjoy still pictures.
3) Smart
4) Camera

Scan Type

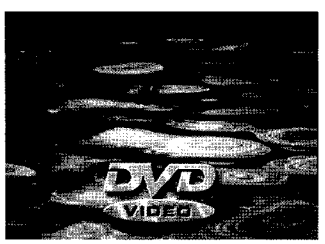
You can set it to be interlaced or progressive scanning mode. If you have a TV with progressive scanning function, please select progressive scanning output for more vivid picture. Press SUBTITLE button for 5 seconds to shift between interlaced and progressive scanning modes.

If you select scan type by error, which results in no picture or appearing left and right compressed pictures, please don't be worried. As long as you press SUBTITLE button for over 5 seconds, it can be resumed. Press it continuously to shift scan type.

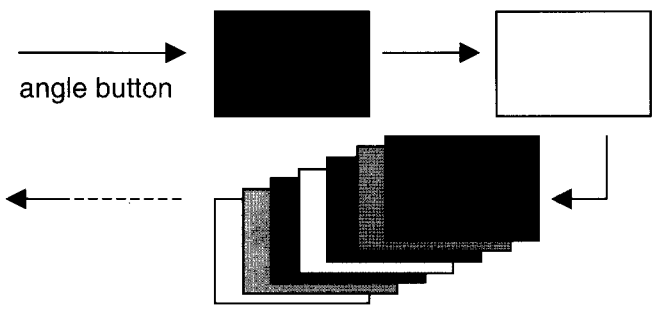
Video Test Signal

Video test color screens (to optimize screen colors:)

In STOP status, press ANGLE button to get different test signals.



Screen in STOP status



Parental Control

There are different levels of contents in some DVD discs, so you can use this setup to prohibit playing contents of some levels. This control is divided into eight levels, but there is different dividing standard in different areas. Please ensure the area and dividing standard suitable for the used disc.

The password setted by manufacturer is 1999. This function is only effective for discs with dividing levels. It is suggested to turn on the player renewedly after parental control setup.

TROUBLESHOOTING

SYMPTOM	CHECK ITEM
There is no sound.	-check if the connection with TV or speakers is incorrect. -check if TV or speakers do not work normally. -check if TV is in mute status.
There is no picture.	-check if the connection with TV or speakers is incorrect. -check if TV has not been turned on or not in video status. - check if you select scan type by error, which results in no picture or appearing left and right compressed pictures. If so please press SUBTITLE button for over 5 seconds, so it can be resumed.
The player does not play.	-check if the disc is loaded upside down. -check if the disc is dirty or warped.
The remote control does not work.	-check if there are obstructions between the remote control and player or if you do not point the remote control at the player's remote sensor. -check if the batteries are weak. -check if the batteries are not inserted or the polarity is incorrect.
Poor AV performance	-check if the disc is dirty, warped or damaged.
Cannot continue to play and play a section repeatedly.	-check if it is in A-B repeat status. If so, press A-B button to cancel it. -check if the disc is dirty or damaged. If so, clean it or search by time to skip the section.
There is no sound from the speaker.	-check if it is in MUTE status. If so, press MUTE button to cancel it.
Poor radio effects.	-check if the antenna connection is incorrect. -check if the antenna is away from the system or other subassemblies, which may disturb radio receive. -check if the antenna is not fully extended.

SPECIFICATIONS

General Specification	Power		AC 100~240V, 50/60 Hz
	Power Consumption		150 W (max.)
	Weight (approx.)		4kg
	Dimensions		430 x 73 x 295 mm (W / H / D)
	Operating Temperature		+2° C ~ +40° C
Player	Disc Type		DVD, SVCD, VCD, CD, CD-R, CD-RW, MP3
	Zone Code		2
	Video System		PAL / NTSC
	Frequency Response		20Hz ~ 20kHz +/-1dB
	Audio Signal-to-noise Ratio		≥ 85 dB (1 kHz)
	Audio Distortion + Noise		≤ -70dB (1 kHz)
	Channel Separation		≥ 70dB (1 kHz)
	Dynamic Range		≥ 80dB (1 kHz)
	Output	Analog Audio Output	Voltage: 2 V, Impedance: 10 k Ω
		Video Output	Voltage: 1 V p-p, Impedance: 75 Ω, Unbalanced
		Component Output	Voltage: 0.7 V p-p, Impedance: 75 Ω
Digital Amplifier	Output Power	Front	50W+50W (8 Ω)
		Centre	50 W (8 Ω)
		Rear	50 W + 50 W (8 Ω)
		Subwoofer	100 W (8 Ω)
	Analog Input		Optional Audio 1 & Audio 2 Input, Impedance: 10 k Ω
			Sensivity Audio 1: 200 mV, Audio 2: 800 mV
	Total Harmonic Distortion		≤ 1%
	Signal-to-noise Ratio		≥ 80dB
	Cross Attenuation		≥ 60dB
	Frequency Response		20 Hz ~ 20 kHz +/- 2 dB
Radio	System		PLL
	Frequency Range	AM	531 ~ 1602 kHz
		FM	87.5 ~ 108 MHz

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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